



PATENT APPLICATION  
Attorney Docket No. PD-203016  
Customer No. 20991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

M. EROZ, et al.	:	Group Art Unit: 2133
Application No:	10/613,823	:
Filed:	July 3, 2003	:
For:	METHOD AND SYSTEM FOR PROVIDING LOW DENSITY PARITY CHECK (LDPC) ENCODING	)
		:
		February 26, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449, and the PCT International Search Report for the corresponding PCT application (PCT/US03/21073). Copies of the documents are enclosed.

**FORMAL MATTERS**

In accordance with 37 C.F.R. § 1.97(b), an information disclosure statement shall be considered by the Office if filed before the mailing of a first Office action on the merits. Therefore, it is believed that no fee is required. However, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 any additional fees which may be deemed to be appropriate or to provide any refunds in connection with this paper to the same Deposit Account. A duplicate of this paper is enclosed.



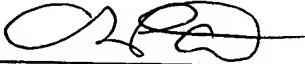
CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

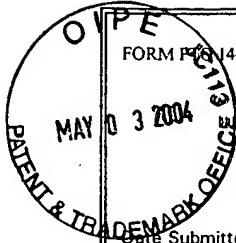
Applicants' undersigned attorney may be reached by telephone at (301) 601-7252. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

February 26, 2004

  
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Craig L. Plastrik  
Registration No. 41,254

Hughes Electronics Corporation  
Customer No. 20991



FORM PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i> Date Submitted to PTO: February 26, 2004				ATTY DOCKET NO. <b>PD-203016</b>	APPLICATION NO. <b>10/613,823</b>		
APPLICANT <b>M. EROZ et al.</b>							
FILING DATE <b>July 3, 2003</b>				GROUP <b>2133</b>			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6,567,465 ✓	May 20, 2003	Goldstein et al.	375	222		
	US 2003/0203721 ✓	October 30, 2003	Berezdivin et al.	455	126		
	US 2003/0187899 ✓	October 2, 2003	Ohta	708	520		
	US 2003/0014718 ✓	January 16, 2003	De Souza et al.	714	804		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/OR ABSTRACT	
	WO 03/088504 ✓ A1	October 23, 2003	PCT	H03M	13/23	Abstract in English	
	WO 03/065591 ✓ A2	August 7, 2003	PCT	H03M	13/39		
	WO 02/099976 ✓ A2	December 12, 2002	PCT	H03M	13/00		
	EP 1 093 231 ✓ A1	April 18, 2001	EPO	H03M	13/00	Abstract in English	
OTHER DOCUMENT(S) (Including Author, Title, Data, Pertinent Pages, etc.)							
	✓ B. Vasic, "Structured Iteratively Decodable Codes Based on Steiner Systems and Their Application in Magnetic Recording", Proceedings, IEEE Global Telecommunications Conference 2001, pp. 2954-2960, November 25-29, 2001						
	✓ B. Vasic, "Combinatorial Constructions of Low-Density Parity Check Codes for Iterative Decoding", Proceedings, IEEE International Symposium on Information Theory 2002, p. 312, June 30-July 5, 2002						
	✓ R. Echard et al., "The Pi-Rotation Low-Density Parity Check Codes", Proceedings, IEEE Global Telecommunications Conference 2001, pp. 980-984, November 25-29, 2001						
	✓ B. Vasic et al, "Kirkman Systems and Their Application in Perpendicular Magnetic Recording", IEEE Transactions on Magnetics, Vol. 38, No. 4, pp. 1705-1710, July 2002						
	✓ L. Ping et al., "Low Density Parity Check Codes with Semi-Random Parity Check Matrix", Electronics Letters, IEE Stevenage, Vol. 35, No. 1, pp. 38-39, January 7, 1999						
	✓ T. Richardson et al., "Efficient Encoding of Low-Density Parity Check Codes", IEEE Transactions on Information Theory, Vol. 47, No. 2, pp. 638-656, February 2001						
	✓ S. Johnson et al., "Construction of Low-Density Parity-Check Codes from Kirkman Triple Systems", Proceedings, IEEE Global Telecommunications Conference 2001, pp. 970-974, November 25-29, 2001						
EXAMINER			DATE CONSIDERED				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.